



OSCILLATOR

Volume 25 Number 4

COURAGE IN THE RADIO ROOM, by Everett W6ABM

There is much being written today about courageous men and women responding to crisis by putting their lives on the line. Radio operators have often found themselves in situations where their immediate and selfless actions will save lives.

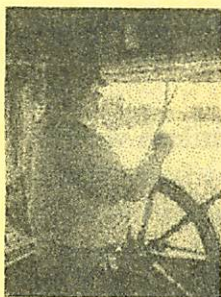
This month we celebrate the 90th Anniversary of one such event. On April 14, 1912, John Phillips and Harold Bride were on duty in the Radio Room. They were simply doing the job they were contracted by Marconi International Marine Communications to complete. These men, in their early 20s, regularly worked long shifts to provide communications for the guests of the White Star Line, owner of their ship, the Titanic.

Late that Sunday evening, routine communications were being passed to MCE at Cape Race, Newfoundland. John Phillips was on radio watch.

See RADIO ROOM, Page 2

Next Meeting — Wednesday, April 10th at 7 PM

Alvin Carlson KB7VHI will update us on the work of Washington County ARES/RACES. Since last Fall, the role of emergency communications has significantly increased. Come hear the latest. Join us at 6:00 pm and enjoy the no-host Elks' Buffet line.



From the Bridge H. D. Landers, WAØBRU

We hit some rough seas starting off this year. We still have the ability to arrive on time at goal. It will take everyone pitching in to make the events happen. Two of our major annual events are in June.

SEAPAC -- the big hamfest at Seaside is May 31 - June 2. Committees can still use your help. The registration committee usually gets stuck at the front door both days. They could use help so everyone can take some time to walk through the main hall or go to the **Hangout for Bored Spouses** for a seminar, coffee and popcorn. **Security** always needs persons to watch the doors (see article in this issue). The **prize, set-up, and seminar** committees are busy too.

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April 2002

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Special Election April 10th

Be sure your
ballot is
Included.

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RADIO ROOM, continued from Page 1

Occasional interactions took place with Cyril Evans, radio master on the Californian nearby.

Routine comms came suddenly to an end when the ship was struck with a side-swiping action by ice. Now early Monday morning, the ship was calling for assistance using the standard CQD call for assistance and the newly adopted SOS.

Harold Cottam, radioman aboard the Carpathia alerted his Captain to the need for assistance and that ship reversed course and moved to assist. By 2:05 am that morning Captain Smith of the Titanic thanked his radio operators and released them to take care of themselves. By that time most of the lifeboats had been lowered and were moving away from the ship. Only the portable inflatables remained.

The Carpathia arrived around 4:00 am. Less than half of the ship's 1,500 passengers had reached or been accommodated by the life boats. Only 711 would survive the sinking. One of the survivors would be Harold Bride, who made it away in a portable boat. Even after his ordeal, Bride relieved Cottam in the radio room of the Carpathia. John Phillips was lost in the sinking.

Harold Bride continued to work as a radio operator. He served in World War I aboard a steamer. After the war he returned to Scotland, where he lived quietly. He died in 1956.

We serve in a tradition of courage and bravery. Our skills, honed during routine radio work, are needed when disaster strikes. The response we make in such times is in the line of men like Phillips and Bride.

PCsat Reported in Trouble, ARRL Letter

Bob Bruninga, WB4APR, reports that PCsat could be lost if ground controllers are not able to get the spacecraft into a positive power budget. He has asked all users to not digipeat via PCsat until further notice.

PCsat is resetting--running the batteries dead--on every eclipse. "This is killing it, unless we are successful soon," Bruninga said. Command stations in the Southern Hemisphere--where PCsat currently just encounters the sun and the only place where a "low power" command would have any chance of recovering the spacecraft--are working to resolve the problem. "There is nothing we in the Northern Hemisphere can do other than turn our transmitters off, so as not to add to the power load," he said.

Built by midshipmen from the US Naval Academy under Bruninga's guidance and launched last September, PCsat is a 1200-baud APRS digipeater designed for use by hand-held transceivers or mobiles. Bruninga said command stations are on top of the situation.

BRIDGE, from page 1

SEAPAC is our club's major source of income so we need to support it with attendance and volunteering to help.

Field Day -- our annual emergency performance demonstration -- is June 21- 23. We don't go out as serious contesters or operate as 15A OREGON. We go to have fun and do some operating. We hope to earn a good score. In fact, most hams miss the point -- the ARRL keeps saying -- that "this is not a contest," its an operational test. Operators are needed. That does not mean that you should stand around and not operate. Express your interest in operating! The unlicensed or the no-code licensees can operate any of the stations while supervised by an appropriately licensed operator. The Saturday night Pot Luck is a top event by itself, not to mention camping, and things to do at the Willamette Mission Park.

Usually at this point I push being RADIO Active. In November I went to Iowa. I worked 3 stations. One on the wide area repeater invited me to come to the DMRAA club meeting. I worked two more on the way to the meeting getting directions to the new location. The only calls that were heard all week on the repeater in the city we were staying in was WAØBRU and KD7GQW.

In February, Julie and I then went to Ocala, Florida. I could hear one ARES net though a handheld but could not get into it. I could bring up one local repeater, never made a contact. In Orlando I could bring up one repeater, no contacts. I heard one QSO on 146.52 that went out of range before it ended.

Here I have my company truck radio on scan and listen to many repeaters and hear many QSO's. The most popular on 2 meters are 6.96, 7.04, 7.32, 7.12, 7.10, 6.86, 6.66. I support being active. Oregonians need **big congratulations** on being active. Often I hear a station call for information and some one come back to assist. Oregon is Radio Active and I hope that you are too.

73

Harold WAØBRU

SEAPAC Update, by Will N7THL

Last week we had more than six hundred-fifty registered for SEAPAC 2002. We are at about the same count that have been at for the past four or five years at this time. I keep a weekly track on the total registrations. Our expectation is that this year's event will be among the highest attended in our history.

We still have room for two-day flea market tables. Al Berg reports that we have five new vendors signed on this year. The vendor signups exceed the usual number at this time. Vendor participation is a good measure of the interest in SEAPAC.

We are still selling tickets to the Saturday Banquet (with Riley Hollingsworth). There is a great deal of interest in his participation. The QCWA and YLRL luncheons still have space available.

Be sure to register soon if you have not already done so. Early registration closes on April 30.

ARRL ASKS FCC TO ELIMINATE, "REFARM" NOVICE CW BANDS

The ARRL has asked the FCC to eliminate the 80, 40 and 15-meter Novice/Technician Plus CW subbands as such and reuse that spectrum in part to expand the phone allocations on 80 and 40 meters. In a Petition for Rule Making filed March 22, the League requests that the FCC revise its Amateur Service rules in accordance with the modified Novice band "refarming" scheme the ARRL Board of Directors okayed in January. The Petition has not yet been put on public notice for comment.

"The opportunity to eliminate the Novice and Technician-Plus telegraphy subbands and the reapportionment of those inefficiently deployed segments will allow alleviation of significant, sometimes critical, overcrowding in the popular Amateur HF allocations," the ARRL said in its Petition.

The ARRL also cited "substantial advancements in the use of digital techniques" in the HF bands--such as PSK31--to bolster its assertion that a refarming plan for the underutilized Novice HF subbands "cannot wait longer and must proceed now." The refarming plan adopted was based on the recommendations of the ARRL Novice Spectrum Study Committee following a survey of the amateur community last year. Under the proposal, no operator class would lose privileges, and most would gain.

If the FCC approves the plan, current Novice and Technician Plus (ie, Technician with Element 1 credit) licensees would be permitted to operate on the 80, 40, 15 and 10-meter General-class CW allocations at up to 200-W output. For General and higher class operators, the ARRL wants the FCC to implement changes in the 80, 40 and 15-meter "phone" bands.

On 80 meters (3500-4000 kHz), phone privileges would begin at 3725 kHz for Extra, at 3750 kHz for Advanced and at 3800 kHz for General--another 25 kHz for Extra and Advanced operators and another 50 kHz for Generals. On 40 meters (7000-7300 kHz), phone privileges would begin at 7125 kHz for Advanced and Extra and at 7175 kHz for General--25 kHz more for

See REFARM, Page 6

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SPECIAL ELECTION CALLED

The Board of Directors, consistent with the Constitution and Bylaws of the Oregon Tualatin Valley Amateur Radio Club, has declared the office of Vice President vacant. The vacancy is the result the untimely death of Phil Teck N7OY.

Accordingly, a Special Election has been called for April 10, 2002. The casting of ballots will take place at the Members meeting on April 10th.

The Vice President is the primary back up to the President and coordinates program planning. See SPECIAL ELECTION, page 5. Don Stettler KK7TN has allowed his name to be presented to the membership.

PUBLIC SERVICE EVENTS

4 May 2002

Walk To Cure Diabetes
Diabetes Association
Betty Mickley N7REX
n7rex@teleport.com

LUNCH BUNCH

Saturday, April 27, 2002,
join us for a great time as a
part of the LUNCH BUNCH.
All members, non-members,
Family, Friends, Hams from
other clubs are welcome to
participate.

We will gather at Izzy's Pizza
Restaurant, 11900 SW
Broadway, Beaverton. Come
join us for Pizza, salad bar,
and dessert. Don't forget to
sign the "reminder" call sheet
at the club meeting. Julie
KD7GQW (503-646-1546 or
kd7gqw@aol.com) would be
glad to answer your
questions.

Our Talk in: 146.900 (-.600)

Hope to see everyone there.

TRAVELERS'

The April TRAVELERS' event
is scheduled to be Bayshore
RV Park and Marina, Netarts
Oregon.

Betty Mickley N7REX is the
Wagonmaster. Call her at
503-642-1284. You don't
need an RV to enjoy a
Travelers' event.

FIFTH WEDNESDAY

The next opportunity for Fifth
Wednesday fun is on May
29th. At 8:00 PM PST. Did
you join in the fun on 147.54
MHz. In January?

Jim Schaeffer, KB7ADH,
handles the awards for the
club. Get on the air and see
what you can do 2 meter
simplex.

Remaining dates for Fifth
Wednesday Contests this
year are:

July 31
October 30

Be sure you put these dates
on your calendar and join us.

"Blue" Drawing Set

The "Blue" Drawing is
underway. Buy "Blue"
tickets in lots of four for a \$1
at any club function from
Julie KD7GQW. The drawing
will be held at Field Day in
June. T

he winning ham will be
presented a gift certificate at
their favorite place for the
total amount in the drawing.
If \$50 or \$250 worth of
tickets are entered, that is
what the award will be.

The gift certificate will be
awarded at the July Meeting.

This space provided as a service to
OTVARC members. Your ad can run in
The Oscillator. Contact the editor at
W6ABM@arrl.net or 503-681-2345.

SPECIAL ELECTION APRIL 10th

The office of Vice President
was declared vacant by the
Board of Directors at their
February meeting. A Special
Election was announced for
April 10th to fill the vacant
position.

One member has consented
to stand for election, Don
Stettler KK7TN. Don's
complete bio will be found in
the November issue of *The
Oscillator*. If you need a
copy, send a request to
w7otv@yahoo.com or PO Box
5132, Aloha OR 97006.

Your Ballot is included with
this issue of *The Oscillator*.
Send it to theclub box or
bring it to the April 10
Meeting.

EXAM News

Our next Exam Session is
April 6 at 1:00 pm at Ronler
Acres Fire Station. Other test
dates will be August 3,
October 5, and 7 December
2002. Reimbursement
amount for 2002 is \$10.00
per exam session.

On June 1st, we hold a test
session at SEAPAC. Advance
registration is required by
May 1st. [Limit of 50 persons
sitting for exams]. Be sure
your registration is in by
April 26, 2002 to be
included.

Contact Carl, WS7L, 503-
629-5796 or ws7l@arrl.net,
to register. For other
opportunities, send an email
request to W7OTV@yahoo.
com.

ISRAEL: "FIRST" BRINGS IN NEW HAMS, from Hagal International

A new group of radio amateurs has emerged in Israel from a rather unexpected place. According to Hagal International, the new Israeli hams are from an all volunteer Search and Rescue group called First.

First members are on call to provide wilderness rescues in areas such as the Israeli desert and canyons. For communications, First members have long carried two-way hand helds operating in point to point simplex mode. The limitations of simplex in rugged terrain means that there are times when they cannot keep in touch.

Recognizing a need for improved communications, First contacted the Israel Amateur Radio Club to ask if the nationwide repeater system could be made available for search and rescue use. And according to veteran ham radio instructor Moshe Inger, 4Z4PF, when First members learned that they would first have to pass an Israeli ham radio exam, they did not flinch one bit.

First members studied and passed the amateur radio license tests. There are now more than a dozen new hams from Eilat in the South to Golan in the North.

Amateur Radio joins with many other activities to provide communications. Today, many people in those other avocations are joining the ranks of hams by passing the exams and becoming one of the amateur radio group.

REFARM from Page 5

for Extra and Advanced operators and another 50 kHz for Generals. On 15 meters (21,000-21,450 kHz), phone privileges would begin at 21,200 kHz for Extra, at 21,225 kHz for Advanced and at 21,275 kHz for General--no change for Extra and Advanced but 25 kHz more for General. On 10 meters, the ARRL has recommended no changes other than to accommodate CW, RTTY and data by Novice and Tech Plus licensees at 28.0 to 28.3 MHz.

The ARRL suggested that its proposed configurations strike the right balance between the need for additional phone spectrum and the important goal of encouraging further development of narrowband data modes in the CW segments.

The ARRL's "omnibus" petition also asks the FCC to permit amateurs to use spread spectrum on the 222-225 MHz band; expand the pool of special event call signs beyond the 1x1 format to include identifiers for US territories and possessions that do not provide for mailing addresses; clarify its rules to indicate that modulated CW (MCW) is permitted for repeater station identification; and to incorporate into its rules a 1990 FCC waiver authorizing amateurs in certain areas of Colorado and Wyoming to operate on certain segments of the 33-cm band. The League invited the FCC to consolidate its omnibus petition with other pending Amateur Radio-related petitions now before the FCC.

A copy of the ARRL's complete Petition for Rulemaking is available on the ARRL Web site <http://www.arrl.org/announce/regulatory/refarm/>.

THE RADIO AMATEURS of CANADA 2002 CONVENTION IN VERNON B.C.

And finally this week, if you are planning your summer ham radio vacation, think North. North as in Vernon, British Columbia, Canada and the venue for the 2002 Radio Amateurs of Canada National Convention.

The dates are July 26, 27, 28th and Vernon British Columbia can only be described as a Canadian vacation wonderland. Located at the northern end of the Okanagan Valley, Vernon is a picturesque region and one of the warmest in all of Canada.

During the summer months, visitors enjoy countless sandy beaches, beautiful weather, and a variety of outdoor and water activities. The Okanagan Lake is a spectacular backdrop to the golf courses and wineries located in the rolling hills of the valley.

And that's exactly the spot that Radio Amateurs of Canada has chosen for its second ever National convention. The first took place five years ago in Calgary, Alberta and was deemed a major success. According to Mike Roberts, VE7KED, this one will be even bigger and better with something for every member of the family.

More information is available online at www.rac2002.org. And who knows: Maybe we will see you there.

[Thanks to Amateur Radio Newslines]

YOUNG HAM OF THE YEAR NOMINATIONS SOUGHT

Amateur Radio Newslines selects the YOUNG HAM OF THE YEAR. The nominating period for the 2002 amateur Radio Newslines Young Ham of the Year is now open. There are no significant changes from last year in the requirements.

Nominees must be 18 or younger. The full rules and an application are on the ARNEWSLINE website at www.arnewslines.org.

Who do you know that should receive a nomination?

ANNOYING SATELLITE IS OFF 2 METERS, from AMSAT-North America

An annoying mystery satellite transmitting AFSK, frequency modulated Morse on 144.100 MHz for several days has been identified. It turned out to be a signal from the MAROC-TUBSAT satellite. This is an Earth-sensing spacecraft owned by a Moroccan government agency called the Royal Center for Remote Sensing. It was placed into a polar orbit by a Russian launcher on December 10, 2001.

As soon as he learned of the interference to amateur operations, Professor Udo Renner of the Center had the 144.100 MHz transmitter turned off. He then notified AMSAT Germany that TUBSAT was no longer on two meters.

TUBSAT also has a downlink at 436.075 MHz. This system is only busy over North Africa and Europe and only when the control stations in Rabat and Berlin are activated. It has not been heard elsewhere in the world.

GREG WALDEN MEETS WITH ARRL REPRESENTATIVES, from ARRL Letter

ARRL representatives met again this past month with government officials. This trip emphasized the emergency communications capabilities of amateur radio. Among those who met with President Jim Haynie W5JBP and the delegation were US House Members Greg Walden, WB7OCE, of Oregon and Pete Sessions of Texas. Jeff Koch, NU5Z, Sessions' legislative assistant was present as well.

"I was encouraged," Haynie said after the round of meetings. Since September 11, he said, he's perceived a greater level of awareness in Washington as to what role Amateur Radio might play in homeland security and increased public safety. "The reception we got was extremely cooperative and very friendly," he said.

During the Washington visit, the ARRL renewed its Memorandum of Understanding with FEMA, which sponsors RACES. The MOU calls on FEMA to encourage state and local emergency management officials to establish cooperative relationships with ARRL field volunteers, the inclusion of Amateur Radio in developing state and local emergency operating plans, and the use of those plans to support exercises."

ARRL Letter, Vol 21, No 11 March 15, 2002

Why not send your QSL card to Greg WB7OCE, with a note of thanks for his efforts on behalf of amateur radio? Send it to:

GREGORY P WALDEN, WB7OCE
1504 W SHERMAN
HOOD RIVER, OR 97031
USA

SPECIAL ELECTION BALLOT

Office of Vice President
April 10, 2002

The Board of Directors has declared the office of Vice President vacant due to the death of Phil Teck N7OY. Pursuant to the requirements of the Constitution and Bylaws, a special election has been called to fill this position on the Board.

The following members are eligible to serve and have consented to have their name(s) placed before the membership for election as Vice President:

Donald Stettler KK7TN

☐

☐

☐

Send your ballot to: OTVARC, PO Box 5132, Aloha OR 97006-0132. It must reach the box no later than Tuesday, April 9th. Or, you may bring your ballot to the April 10th meeting. Your name and call must appear on the outside of the mailing envelope.

Club Contact Directory

OTVARC Executive Board

President	Harold Landers	WA0BRU	wa0bru@aol.com	503-646-1546
Vice President	[Vacant]			
Secretary	Everett Curry	W6ABM	w6abm@arri.net	503-681-2345
Treasurer	Linda Sutton	KC7YTD	kb7pvw@arri.net	503-246-8879
Trustee	Wes Allen	K7WWG	wes@ispwest.com	503-531-3721
Trustee	Janet Bell	WB7FJC	wb7fjc@arri.net	503-648-4147
Trustee	Alvin Carlson	KB7VHI	kb7vhi@arri.net	503-629-5728
Trustee	J.D. Fort	K7JDF	k7jdf@arri.net	503-259-0269
Trustee	Mel Sutton	KB7PVW	kb7pvw@arri.net	503-246-8879

Club Functions

ARRL Coordinator	Greg Milnes	W7OZ	w7oz@arri.net	503-648-6990
Badges and Jackets	Brendan Van Horn	KD7LAH	kd7kah@arri.net	503-533-5432
Club License Trustee	Hanford Van Ness	KE7BB	ke7bb@email.msn.com	503-246-7975
Community Service	Randy Stinson	KZ7T	kz7t@arri.net	503-641-3776
Contest: 5th Wednesday	Jim Schaeffer	KB7ADH	jim.schaeffer@sulzerpumps.com	503-245-2518
Emergency Service	Alvin Carlson	KB7VHI	kb7vhi@arri.net	503-629-5728
Equipment Loan	J.D. Fort	K7JDF	k7jdf@arri.net	503-259-0269
Field Day Coordinators	Jack Smithson	KA7HOJ	otvarc2@yahoo.com	503-646-1873
	Harold Landers	WA0BRU	wa0bru@aol.com	503-646-1546
Health & Welfare	Julie Landers	KD7GQW	kd7gqw@aol.com	503-646-1546
Historian	Al Berg	W7SIC	w7sic@pocketmail.com	503-816-7098
Internet Home Page	Betty Mickley	N7REX	n7rex@teleport.com	503-642-1284
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	Harold Landers	WA0BRU	wa0bru@aol.com	503-646-1546
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	Al Berg	W7SIC	w7sic@pocketmail.com	503-816-7098
	Will Sheffield	N7THL	n7thl@arri.net	503-642-7314
	Linda Sutton	KC7YTD	kb7pvw@arri.net	503-246-8879
Social/Lunch Bunch	Julie Landers	KD7GQW	kd7gqw@aol.com	503-646-1546
Technician Classes	Janet Bell	WB7FJC	wb7fjc@arri.net	503-648-4147
	John Anderson	KA7BRZ	ka7brz@arri.net	503-452-2459
Trailer	Alvin Carlson	KB7VHI	kb7vhi@arri.net	503-629-5728
	Dee Lynch	K7JRB	deek7jrb@arri.net	541-745-1025
VE Coordinator	Carl Clawson	WS7L	ws7l@arri.net	503-629-5796

Interest Contacts

Project Night	Alan Chinnock	KB7POR	kb7por@aol.com	503-636-2237
QRP	Carl Blanchard	N7CVB	n7cvb@arri.net	503-620-2581
RFI & TVI	Dale Mosby	K7FW	dale@sequent.com	503-640-0217
Satellites	Everett Curry Jr.	W6ABM	w6abm@arri.net	503-681-2345
Tower Ordinances	Greg Milnes	W7OZ	w7oz@arri.net	503-648-6990
Travelers	Betty Mickley	N7REX	n7rex@teleport.com	503-642-1284
VHF/UHF	Arnold Jensen	W7DSA	n7yag@columbia-center.org	503-543-3713

Birthdays for April:

Please join in wishing these folks a "Happy Birthday" in April:

4: Ken W7GU; **10:** Stephen N7MFT; **12:** Mel KB7PVW;
18: Wes K7WWG; **21:** Rick K7VLS; **24:** Ernest K7EAJ;
26: Sally N7WAL; **27:** Jeff KD7EFM

Did we miss you? Update your information with the Secretary.

Hamfests And Conventions

6 - 7 April 2002

**Yakima Washington
Washington State Convention**

Jo Whitney KA7LJQ
PO Box 911

Yakima WA 98909

509-965-3379

ka7ljq@arri.net

http://w7aq.ykm.com

20-21 April 2002

EMCOMM

Redding California

Jerry Boyd K6BZ

Box 252

Igo CA 96047

530.396.2256

K6bz@arri.net

www.emcomm2002.net

28 April 2002

Ham and Computer Fair

Mike Abrams KC7ZFP

Karl Fuller K7ARL

Eugene OR

541-461-2683

541-942-1624

11 May 2002

Stanwood-Camano ARC

Stanwood Washington

John McCann, N7MZ

PO Box 941

Stanwood WA 98292

360-629-2921

huppert@whidbey.net

31 May - 2 June 2002

Northwestern Division

Convention - SEAPAC

Oregon Tualatin Valley ARC

Jim Schaeffer KB7ADH

503-245-2518

jimschaeffer@sulzerpumps.com

www.seapac.org